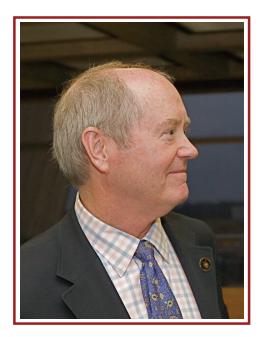
Symposium Speakers

- ROBERT CAHN is a Senior Staff Member at Lawrence Berkeley National Laboratory and Past Chair of the Division of Particles and Fields.
- ALEX CHAO is Professor at SLAC. He received the 2008 Rolf Wideroe Prize of the European Physical Society for contributions to accelerator physics.
- SALLY DAWSON is a Senior Staff Member at Brookhaven National Laboratory. She cochaired *EPP2010* for the National Research Council.
- ARNAUD DEVRED is Section Leader for ITER's superconducting systems. He was involved in magnet programs for the LHC and SSC.
- SAMUEL E. DYSON is Senior Instructional Specialist, Chicago Public Schools. He won the Golden Apple Award for his teaching at Walter Payton College Prep.
- PIERRE FAYET is Directeur de Recherche in the CNRS and member of the Laboratoire de Physique Théorique at École Normale Supérieure in Paris.
- RICHARD FIELD is Professor of Physics at the University of Florida and a member of the CDF and CMS collaborations.
- FABIOLA GIANOTTI is a member of the CERN staff and Spokesperson of the ATLAS Experiment at the Large Hadron Collider.
- PAUL GRANNIS is Research Professor and Distinguished Professor of Physics Emeritus at Stony Brook, and the first D0 Spokesman.
- DEBORAH HARRIS is a member of the Fermilab staff and Project Manager for the Minerva Experiment.
- JOHN DAVID JACKSON is Professor Emeritus of Physics at the University of California, Berkeley, and the author of *Classical Electrodynamics*.
- VERA LÜTH is Professor at SLAC and a member of the BaBar Experiment. She chaired the IUPAP Commission on Particles and Fields.
- KATE METROPOLIS is a science writer based in Santa Barbara. She has written extensively about particle physics.
- MARY HALL RENO is Chair of Physics & Astronomy at the University of Iowa. She chairs the APS Committee on the Status of Women in Physics.
- JONATHAN ROSNER is Professor of Physics at the University of Chicago and a member of the CLEO Collaboration.
- ELIZABETH SIMMONS is Dean of Lyman Briggs College and Professor of Physics at Michigan State University.
- SŁAWEK TKACZYK is a member of the Fermilab staff and the CMS Collaboration, with responsibility for the silicon tracker.
- SCOTT WILLENBROCK is Professor of Physics at the University of Illinois, where he has won numerous teaching awards.

Minute Particulars & Hidden Symmetries

CHRIS QUIGG SYMPOSIUM FERMILAB · DECEMBER 14-15, 2009



SPEAKERS INCLUDE

ROBERT CAHN ALEX CHAO SALLY DAWSON ARNAUD DEVRED SAMUEL DYSON PIERRE FAYET RICHARD FIELD Fabiola Gianotti PAUL GRANNIS DEBORAH HARRIS John David Jackson Vera Lüth KATE METROPOLIS MARY HALL RENO **IONATHAN ROSNER** ELIZABETH SIMMONS Sławek Tkaczyk SCOTT WILLENBROCK

Tuesday, December 15, 2009

19:00-21:30 (Art Gallery, second floor crossover)

Monday, December 14, 2009

17:30-19:00 (Art Gallery, second floor crossover)

Reception

17:15-17:30 · Closing Remarks Scientists and the Public: A Question of Communication 16:25-17:00 · Kate Metropolis (Santa Barbara) Best of All Possible Worlds 16:40-17:15 · Robert Cahn (Lawrence Berkeley National Lab) Λουβογ μολιν πομ συμ 100 Years of Beta Decays - Why Do We Continue? 15:45-16:20 · Paul Grannis (Stony Brook University) Session 4 - Ken Lane (Boston University) 16:00-16:35 · Vera Lüth (SLAC National Accelerator Lab) Session 8 - Patricia McBride (Fermilab) 15:15-15:45 (Cateteria) Coffee Break 15:30-16:00 (Cafeteria) Coffee Break Supersymmetry, Dark Matter, and New Particles 14:40-15:15 · Pierre Fayer (Ecole Normale Supérieure, Paris) Group Photo (muinA) $0\xi:\xi I-\xi I:\xi I$ Exploring Electroweak Symmetry Breaking 14:00-14:35 · Sally Dawson (Brookhaven National Laboratory) Particles with Beauty and Charm Session 3 - Johnne Hewett (SLAC National Accelerator Lab) 14:40-15:15 · Jonathan Rosner (University of Chicago) worvomoT bns yaboT szisydA onirtusM 13:00-14:00 (Cafeteria) Lunch Minutia over Short and Long Distances: Echoes in Accelerators 14:00-14:35 · Deborah Harris (Fermilab) 12:20-12:55 · Alexander W. Chao (SLAC National Accelerator Lab) Session 7 - Michael Witherell (University of California, Santa Barbara) (The Serious Business of Educational Outveach) szisya ot aznoradh Intynia A Lunch 12:45-14:00 (Cafeteria) 11:40-12:15 · Liz Simmons (Michigan State University) stangaM gnitzubnozraque to trh adT Archimedes, Higgs, and Falling Honey 12:05-12:40 · Arnaud Devred (ITER) 11:00-11:35 · John David Jackson (University of California / LBNL) 2HT 241 110 Session 2 - Maury Tigner (Cornell University) Predicting "Min-Bias" and the "Underlying Event" 11:25-12:00 · Rick Field (University of Florida) 10:30-11:00 (Cafeteria) Coffee Break Utrahigh-Energy Neutrinos CMS Growing Up 10:45-11:20 · Mary Hall Reno (University of lowa) 9:55-10:30 · Sławek Tkaczyk (Fermilab / CMS) Session 6 - Johann Kühn (Karlsruher Institut für Technologie) "1981 I rough "First Light" 10:15-10:45 (Cafeteria) Coffee Break 9:15-9:50 · Fabiola Gianotti (CERN / ATLAS) Session I - Heidi Schellman (Northwestern University) 11 svorgml of oU bluode sW that ban Hard and Important: The Challenges of Teaching Physics Young-Kee Kim (Fermilab / University of Chicago) 9:40-10:15 · Samuel E. Dyson (Chicago Public Schools) 9:00-9:15 · Pier Oddone (Fermilab) do T sat mort esisya Top Welcome - Marcela Carena (Fermilab) 9:00-9:35 · Scott Willenbrock (University of Illinois) Session 5 - Christopher T. Hill (Fermilab) Registration (W21 IIsH nosliW) 00:9-00:8

Banquet